

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L1 | 1002 | (370/522).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/12 17:43 |
| L2 | 3412 | (switch\$) same (SS7) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L3 | 1047 | gateway same SS7 | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L4 | 332 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and (((switch\$) same (SS7)) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.)) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L5 | 1 | receiver same "signaling link" same interface same processor same multiplex same demultiplex | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L6 | 13 | receiver same "signaling link" same interface same processor | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L7 | 70 | receiver and "signaling link" and driver and interface and processor and SS7 | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L8 | 9 | (receiver and "signaling link" and driver and interface and processor and SS7) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L9 | 26 | receiver and "signaling link" and driver and interface and processor and SS7 and transmitter | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L10 | 1400 | SS7 same STP | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L11 | 0 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) same (SS7 same STP) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |

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|-----|---------|--|--------------------|----|----|------------------|
| L12 | 182 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and (SS7 same STP) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L13 | 1355329 | switch\$9 or rout\$9 | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L14 | 1173 | (SS7 same STP) same (switch\$9 or rout\$9) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L15 | 163 | ((SS7 same STP) same (switch\$9 or rout\$9)) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L16 | 345 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and SS7 and switch | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L17 | 15 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and SS7 and switch and backplane | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L18 | 0 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and SS7 same router and backplane | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L19 | 30 | SS7 same router and backplane | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L20 | 17 | "SS7 network switch" | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L21 | 772 | SS7 and "network switch" | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L22 | 442 | SS7 and "network switch" and hardware | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L23 | 304 | SS7 same "signaling link" same control | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L24 | 70 | (SS7 same "signaling link" same control) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |

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|-----|------|--|--------------------|----|----|------------------|
| L25 | 3003 | "crossbar switch" | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L26 | 20 | "crossbar switch" and SS7 | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L27 | 1723 | "crossbar switch" and hardware | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L28 | 338 | "crossbar switch" and receiver and driver and processor and interface | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L29 | 2 | "crossbar switch" and receiver and driver and processor and interface and ("24" near1 input\$) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L30 | 2 | "crossbar switch" and receiver and driver and processor and interface and ("24 input") | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L31 | 338 | "crossbar switch" and receiver and driver and processor and interface | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L32 | 300 | "crossbar switch" and receiver and driver and processor and interface and multiplex\$ | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L33 | 279 | "crossbar switch" and receiver and driver and processor and interface and multiplex\$ and controller | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L34 | 241 | "crossbar switch" and receiver and driver and processor and interface and multiplex\$ and controller and "control signal" | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L35 | 284 | "ATM switch" and ("OAM cell" or "OAM packet") | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L36 | 35 | "ATM switch" and ("OAM cell" or "OAM packet") and receiver and driver and processor and interface and multiplex\$ and controller and "control signal" | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L37 | 332 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and ((switch\$) same (SS7)) and (((switch\$) same (SS7)) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.)) | US-PGPUB; USPAT | OR | ON | 2004/12/12 18:23 |

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|-----|------|---|------------------------------|----|-----|------------------|
| L38 | 1 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and ((switch\$) same (SS7)) and (((switch\$) same (SS7)) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.))) and ("isolation relay") | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L39 | 6 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and "isolation relay" | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L40 | 15 | (US-6600741-\$ or US-RE38134-\$ or US-6553446-\$ or US-6496940-\$ or US-6233702-\$ or US-6226296-\$ or US-6151689-\$ or US-5751932-\$ or US-5539733-\$ or US-5442628-\$ or US-5331315-\$ or US-5138611-\$ or US-5088091-\$ or US-4821034-\$ or US-5953318-\$).did. | USPAT | OR | OFF | 2004/12/12 17:43 |
| L41 | 5 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and SS7 and DSOA | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L42 | 4287 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/12 17:43 |
| L43 | 0 | (system) and ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (network near1 connect?) and (gateway) and ("service logic") and ("service data parameter") and (protocol) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L44 | 3 | (system) and ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (network near1 connect?) and (gateway) and (logic) and (data or parameter) and (protocol) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |

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|-----|------|---|-----------------|----|----|------------------|
| L45 | 0 | (system) and ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (network near1 connect?) and (gateway) and (teleservice) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L46 | 0 | ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (network near1 connect?) and (gateway) and (teleservice) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L47 | 1 | ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (gateway) and (teleservice) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L48 | 70 | ("intelligent network") and (gateway) and (teleservice) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L49 | 1 | teleservices and telenetwork | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L50 | 0 | teleservice same telenetwork | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L51 | 190 | teleservice same network | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L52 | 183 | teleservice and network and SMS | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L53 | 12 | teleservice and network and SMS and USSD | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L54 | 25 | teleservice and network and SMS and WAP | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L55 | 1688 | network and SMS and WAP | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L56 | 25 | teleservice and SMS and WAP | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L57 | 193 | network and SS7 and SMS and WAP | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:50 |
| L58 | 0 | (mobile) and (cell) and (protocol) and ((intelligent near1 network) or (SS7 near2 network)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L59 | 0 | (mobile) and (cell) and (protocol) and ((intelligent near1 network) or (SS7)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |

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|-----|---|--|-----------------|----|----|------------------|
| L60 | 1 | ((intelligent near1 network) or (SS7)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L61 | 1 | ((intelligent near1 network) or (SS7)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (service near1 paramter) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L62 | 1 | ((intelligent near1 network) or (SS7)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (service near1 parameter) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L63 | 1 | ((intelligent near1 network) or (SS7)) and ((modif\$7 or change) near1 ((service near1 data) or (service near1 logic) or (service near1 parameter) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L64 | 0 | (Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L65 | 0 | (Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and SMS and USSD and WAP | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L66 | 0 | (Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and (intelligent near1 network) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L67 | 0 | ((Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and (intelligent near1 network)) not ((Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and SMS and USSD and WAP) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L68 | 0 | (Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and SMS | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L69 | 0 | (Wireless) and (Wi-fi) and ("803.11\$1") and (computer) and (PDA) and (handheld) and SMS | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L70 | 0 | (Wireless) and (Wi-fi) and ("802.11\$1") and (computer) and (PDA) and (handheld) and SMS | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |

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|-----|-------|--|-----------------|----|-----|------------------|
| L71 | 0 | (Wireless) and (Wi-fi) and ("802.11\$1") and ((computer) or (PDA) or (handheld)) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L72 | 0 | (Wireless) and (Wi-fi) and ("802.11\$1") | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L73 | 0 | ((Wireless) and (Wi-fi) and ("802.11\$1")) not ((Wireless) and (Wi-fi) and ("802.11\$1") and ((computer) or (PDA) or (handheld))) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L74 | 0 | (Wireless) and (Wi-fi near1 network) and ("802.11\$1") | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:43 |
| L75 | 0 | ((network) or ((intelligent) adj (network)) or (SS7)) and ((SMS) or ((short) adj (message) adj (service))) and (((modified) or (changed) or (amended) or (existing)) adj ((Service) adj (record))) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:54 |
| L76 | 1 | ((network) or ((intelligent) adj (network)) or (SS7)) and ((SMS) or ((short) adj (message) adj (service))) and (((modified) or (changed) or (amended) or (existing)) adj ((Subscriber) adj (record))) | US-PGPUB; USPAT | OR | ON | 2004/12/12 18:26 |
| L77 | 160 | ((network) or ((intelligent) adj (network)) or (SS7)) and ((SMS) or ((short) adj (message) adj (service))) and (((modified) or (changed) or (amended) or (existing)) adj (Subscriber)) | US-PGPUB; USPAT | OR | ON | 2004/12/12 17:56 |
| L78 | 38775 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/91.02) or (379/92.04) or (379/93.09) or (379/93.25) or (379/93.27) or (379/201.01) or (379/221.08) or (379/221.11) or (379/350) or (379/\$\$)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2004/12/12 18:25 |
| L79 | 52484 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/91.02) or (379/92.04) or (379/93.09) or (379/93.25) or (379/93.27) or (379/201.01) or (379/221.08) or (379/221.11) or (379/350) or (379/\$\$)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2004/12/12 18:25 |
| L80 | 0 | L76 and L79 | US-PGPUB; USPAT | OR | ON | 2004/12/12 18:26 |

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|-----|------|--|------------------------------|----|-----|------------------|
| L81 | 55 | L77 and L79 | US-PGPUB; USPAT | OR | ON | 2004/12/12 18:26 |
| L82 | 0 | L81 NOT L77 | US-PGPUB; USPAT | OR | ON | 2004/12/12 18:26 |
| L83 | 0 | L81 NOT L77 | US-PGPUB; USPAT | OR | ON | 2004/12/12 18:26 |
| S1 | 868 | (370/522).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/11/19 00:10 |
| S2 | 2523 | (switch\$) same (SS7) | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:07 |
| S3 | 662 | gateway same SS7 | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:09 |
| S4 | 261 | (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and (((switch\$) same (SS7)) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.)) | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:10 |
| S5 | 0 | receiver same "signaling link" same interface same processor same multiplex same demultiplex | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:15 |
| S6 | 11 | receiver same "signaling link" same interface same processor | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:18 |
| S7 | 45 | receiver and "signaling link" and driver and interface and processor and SS7 | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:24 |
| S8 | 4 | (receiver and "signaling link" and driver and interface and processor and SS7) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:19 |
| S9 | 17 | receiver and "signaling link" and driver and interface and processor and SS7 and transmitter | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:33 |
| S10 | 1032 | SS7 same STP | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:34 |
| S11 | 0 | (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) same (SS7 same STP) | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:34 |

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|-----|---------|--|--------------------|----|----|------------------|
| S12 | 147 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and (SS7 same STP) | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:34 |
| S13 | 1142213 | switch\$9 or rout\$9 | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:36 |
| S14 | 871 | (SS7 same STP) same (switch\$9 or rout\$9) | US-PGPUB; USPAT | OR | ON | 2003/11/13 23:37 |
| S15 | 130 | ((SS7 same STP) same (switch\$9 or rout\$9)) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) | US-PGPUB; USPAT | OR | ON | 2003/11/14 00:28 |
| S16 | 269 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and SS7 and switch | US-PGPUB; USPAT | OR | ON | 2003/11/14 00:28 |
| S17 | 9 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and SS7 and switch and backplane | US-PGPUB; USPAT | OR | ON | 2003/11/17 06:11 |
| S18 | 0 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and SS7 same router and backplane | US-PGPUB; USPAT | OR | ON | 2003/11/14 00:33 |
| S19 | 28 | SS7 same router and backplane | US-PGPUB; USPAT | OR | ON | 2003/11/14 00:49 |
| S20 | 15 | "SS7 network switch" | US-PGPUB; USPAT | OR | ON | 2003/11/14 00:51 |
| S21 | 586 | SS7 and "network switch" | US-PGPUB; USPAT | OR | ON | 2003/11/14 00:51 |
| S22 | 317 | SS7 and "network switch" and hardware | US-PGPUB; USPAT | OR | ON | 2003/11/14 00:53 |
| S23 | 221 | SS7 same "signaling link" same control | US-PGPUB; USPAT | OR | ON | 2003/11/14 00:53 |
| S24 | 55 | (SS7 same "signaling link" same control) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) | US-PGPUB; USPAT | OR | ON | 2003/11/14 11:44 |

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|-----|------|--|--------------------|----|----|------------------|
| S25 | 2353 | "crossbar switch" | US-PGPUB; USPAT | OR | ON | 2003/11/14 11:44 |
| S26 | 4 | "crossbar switch" and SS7 | US-PGPUB; USPAT | OR | ON | 2003/11/14 12:22 |
| S27 | 1348 | "crossbar switch" and hardware | US-PGPUB; USPAT | OR | ON | 2003/11/14 12:23 |
| S28 | 266 | "crossbar switch" and receiver and driver and processor and interface | US-PGPUB; USPAT | OR | ON | 2003/11/14 12:25 |
| S29 | 2 | "crossbar switch" and receiver and driver and processor and interface and ("24" near1 input\$) | US-PGPUB; USPAT | OR | ON | 2003/11/14 12:33 |
| S30 | 2 | "crossbar switch" and receiver and driver and processor and interface and ("24 input") | US-PGPUB; USPAT | OR | ON | 2003/11/14 12:34 |
| S31 | 266 | "crossbar switch" and receiver and driver and processor and interface | US-PGPUB; USPAT | OR | ON | 2003/11/14 12:38 |
| S32 | 236 | "crossbar switch" and receiver and driver and processor and interface and multiplex\$ | US-PGPUB; USPAT | OR | ON | 2003/11/14 13:16 |
| S33 | 217 | "crossbar switch" and receiver and driver and processor and interface and multiplex\$ and controller | US-PGPUB; USPAT | OR | ON | 2003/11/14 13:34 |
| S34 | 183 | "crossbar switch" and receiver and driver and processor and interface and multiplex\$ and controller and "control signal" | US-PGPUB; USPAT | OR | ON | 2003/11/14 19:14 |
| S35 | 238 | "ATM switch" and ("OAM cell" or "OAM packet") | US-PGPUB; USPAT | OR | ON | 2003/11/14 19:09 |
| S36 | 34 | "ATM switch" and ("OAM cell" or "OAM packet") and receiver and driver and processor and interface and multiplex\$ and controller and "control signal" | US-PGPUB; USPAT | OR | ON | 2003/11/14 19:14 |
| S37 | 261 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and ((switch\$) same (SS7)) and (((switch\$) same (SS7)) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.)) | US-PGPUB; USPAT | OR | ON | 2003/11/17 05:36 |

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| S38 | 0 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and ((switch\$) same (SS7)) and (((switch\$) same (SS7)) and (((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.))) and ("isolation relay") | US-PGPUB; USPAT | OR | ON | 2003/11/17 05:37 |
| S39 | 4 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and "isolation relay" | US-PGPUB; USPAT | OR | ON | 2003/11/17 05:37 |
| S40 | 15 | (US-6600741-\$ or US-RE38134-\$ or US-6553446-\$ or US-6496940-\$ or US-6233702-\$ or US-6226296-\$ or US-6151689-\$ or US-5751932-\$ or US-5539733-\$ or US-5442628-\$ or US-5331315-\$ or US-5138611-\$ or US-5088091-\$ or US-4821034-\$ or US-5953318-\$).did. | USPAT | OR | OFF | 2003/11/17 06:14 |
| S41 | 4 | ((((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS.) and SS7 and DSOA | US-PGPUB; USPAT | OR | ON | 2003/11/17 07:06 |
| S42 | 3397 | ((370/522) or (370/524) or (370/373) or (370/377) or (370/384) or (370/385) or (370/395.1) or (370/410) or (379/?)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/11/18 10:48 |
| S43 | 0 | (system) and ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (network near1 connect?) and (gateway) and ("service logic") and ("service data parameter") and (protocol) | US-PGPUB; USPAT | OR | ON | 2003/11/18 10:52 |
| S44 | 2 | (system) and ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (network near1 connect?) and (gateway) and (logic) and (data or parameter) and (protocol) | US-PGPUB; USPAT | OR | ON | 2003/11/18 11:54 |

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| S45 | 0 | (system) and ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (network near1 connect?) and (gateway) and (teleservice) | US-PGPUB; USPAT | OR | ON | 2003/11/18 11:55 |
| S46 | 0 | ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (network near1 connect?) and (gateway) and (teleservice) | US-PGPUB; USPAT | OR | ON | 2003/11/18 11:56 |
| S47 | 1 | ("intelligent network") and ("service control point" or SCP) and ("service data point" or SDP) and (gateway) and (teleservice) | US-PGPUB; USPAT | OR | ON | 2003/11/18 11:57 |
| S48 | 54 | ("intelligent network") and (gateway) and (teleservice) | US-PGPUB; USPAT | OR | ON | 2003/11/18 11:57 |
| S49 | 1 | teleservices and telenetwork | US-PGPUB; USPAT | OR | ON | 2003/11/19 00:11 |
| S50 | 0 | teleservice same telenetwork | US-PGPUB; USPAT | OR | ON | 2003/11/19 00:11 |
| S51 | 155 | teleservice same network | US-PGPUB; USPAT | OR | ON | 2003/11/19 01:22 |
| S52 | 141 | teleservice and network and SMS | US-PGPUB; USPAT | OR | ON | 2003/11/19 05:42 |
| S53 | 12 | teleservice and network and SMS and USSD | US-PGPUB; USPAT | OR | ON | 2003/11/19 05:53 |
| S54 | 16 | teleservice and network and SMS and WAP | US-PGPUB; USPAT | OR | ON | 2003/11/19 05:54 |
| S55 | 968 | network and SMS and WAP | US-PGPUB; USPAT | OR | ON | 2003/11/19 05:55 |
| S56 | 16 | teleservice and SMS and WAP | US-PGPUB; USPAT | OR | ON | 2003/11/19 05:55 |
| S57 | 104 | network and SS7 and SMS and WAP | US-PGPUB; USPAT | OR | ON | 2003/11/19 05:56 |
| S58 | 0 | (mobile) and (cell) and (protocol) and ((intelligent near1 network) or (SS7 near2 network)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:03 |
| S59 | 0 | (mobile) and (cell) and (protocol) and ((intelligent near1 network) or (SS7)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:04 |

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| S60 | 1 | ((intelligent near1 network) or (SS7)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:13 |
| S61 | 1 | ((intelligent near1 network) or (SS7)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (service near1 paramter) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:13 |
| S62 | 1 | ((intelligent near1 network) or (SS7)) and (modif\$7 near1 ((service near1 data) or (service near1 logic) or (service near1 parameter) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:14 |
| S63 | 1 | ((intelligent near1 network) or (SS7)) and ((modif\$7 or change) near1 ((service near1 data) or (service near1 logic) or (service near1 parameter) or (SDP) or (SCP))) and SMS and WAP and USSD | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:34 |
| S64 | 561 | (Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:35 |
| S65 | 3 | (Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and SMS and USSD and WAP | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:36 |
| S66 | 17 | (Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and (intelligent near1 network) | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:36 |
| S67 | 17 | ((Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and (intelligent near1 network)) not ((Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and SMS and USSD and WAP) | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:36 |
| S68 | 77 | (Wireless) and ("802.11\$1") and (computer) and (PDA) and (handheld) and SMS | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:41 |
| S69 | 0 | (Wireless) and (Wi-fi) and ("803.11\$1") and (computer) and (PDA) and (handheld) and SMS | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:41 |
| S70 | 11 | (Wireless) and (Wi-fi) and ("802.11\$1") and (computer) and (PDA) and (handheld) and SMS | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:42 |

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| S71 | 172 | (Wireless) and (Wi-fi) and ("802.11\$1") and ((computer) or (PDA) or (handheld)) | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:47 |
| S72 | 181 | (Wireless) and (Wi-fi) and ("802.11\$1") | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:48 |
| S73 | 9 | ((Wireless) and (Wi-fi) and ("802.11\$1")) not ((Wireless) and (Wi-fi) and ("802.11\$1") and ((computer) or (PDA) or (handheld))) | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:47 |
| S74 | 18 | (Wireless) and (Wi-fi near1 network) and ("802.11\$1") | US-PGPUB; USPAT | OR | ON | 2004/05/06 18:48 |